

4109H

(2)

Dredge } No. 6014 Date, August 11, 1905
Hydrog. }Sdg. Mch. Lucas Reel Lucas Shot } 30 lbs.
Lead }

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom No bottom at 500

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 55° Time 1200 } Air { 60°
Time _____

Density: Surf. _____ fms. _____

Wind: Direction N.W. Force 3

Baromet. 30.12 Amt. of Clouds 4 State of Sea _____

Weather bc

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality off Washington Coast

Position Destruction Light bears N 79° E (true) distant 13.7 miles

Chart used: No. Plotting Sheet No 9 Ed'n 143.5

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Shapley Recorder C. H. Long

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
M. DOWN.		UP.	A. M.		M. DOWN.		UP.	M.		
1	0840	1	1810	0						
	0915		1725	100						
	1010		1650	200						
	1110		1615	300						
	1230		1540	400						
1	1340	1	1450	500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
				1300						
				1400						
				1500						
				1600						
				1700						
				1800						
				1900						
				2000						
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				2800						
				2900						
				3000						
				3100						
				3200						
				3300						
				3400						
				3500						
				3600						
				3700						
				3800						
				3900						
				4000						
				4100						
				4200						
				4300						
				4400						
				4500						
				4600						
				4700						
				4800						
				4900						

(3)

Dredge } No. 6015 Date, August 11, 1917
 Hydrog. }
 Sdg. Mch. Lucas Reel Lucas Shot } 30 lbs.
 Lead }
 Turns _____ Cor'n _____ Depth _____ fms.
 Sdg. Cup _____ Amt. Bot'm Sample _____
 Character of Bottom no bottom at 500

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54.0 Time 2:06 A } Air { 60
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction 24 N. W. Force 3

Baromet. 30.13 Amt. of Clouds 3 State of Sea _____

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Washington Coast

Position Destruction Is. Light bears N 78 1/2° E (true)

Chart used: No. Plotting Sheet No 9 Ed'n _____ distant 14.2 miles
148.3

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Shipley Recorder C. B. DeLong

SOUNDING WIRE.				FMS.	DREDGING CABLE.				
M. Down.		Up.	M.		M. Down.		Up.	M.	
1 55 00	2 04 20			0					
56 45	03 25			100					
56 35	02 45			200					
57 40	02 05			300					
58 40	01 30			400					
1 59 55	2 00 30			500					
				600					
				700					
				800					
				900					
				1000					
				1100					
				1200					
				1300					
				1400					
				1500					
				1600					
				1700					
				1800					
				1900					
				2000					
				2100					
				2200					
				2300					
				2400					
				2500					
				2600					
				2700					
				2800					
				2900					
				3000					
				3100					
				3200					
				3300					
				3400					
				3500					
				3600					
				3700					
				3800					
				3900					
				4000					
				4100					
				4200					
				4300					
				4400					
				4500					
				4600					
				4700					
				4800					
				4900					

(4)

Get bottom

Dredge } No. 6016 Date, August 11, 1915
Hydrog. }

Sdg. Mch. Lucas Reel Shot 35 lbs.

Turns Cor'n Depth 1490 fms.

Sdg. Cup Sigbee Amt. Bot'm Sample

Character of Bottom (bu. M.) gn. m

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 3:16 } Air { 59° Time

Density: Surf. fms.

Wind: Direction NW NE Force 2

Baromet. 30.12 Amt. of Clouds 1 State of Sea 2

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 78° E (true) distant 14.7 miles

Chart used: No. Plotting Sheet No 9 Ed'n 153.0

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Shot did not detach.

Deck Officer Mr. Shipley Recorder C. B. Day

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
<u>A</u> M. DOWN.	UP.		<u>A</u> M.		<u>M.</u> DOWN.	UP.		<u>M.</u>
2 41 20	3		13 40	0				
42 15			11 50	100				
43 10			11 10	200				
44 10			10 25	300				
45 10			09 50	400				
46 15			09 00	500				
47 25			08 20	600				
48 35			07 40	700				
49 50			06 55	800				
51 05			06 10	900				
52 30			05 25	1000				
53 50			04 40	1100				
55 10			03 50	1200				
56 40			03 05	1300				
58 10			02 15	1400				
2 59 35	3		01 20	1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
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				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
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				4500				
				4600				
				4700				
				4800				
				4900				

Deck Officer Mr. Shepley Recorder De Long 11-1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.				
M. DOWN.		UP.	M.			M. DOWN.		UP.	M.	
3	57	00	4	02	45	0				
	52	20		01	30	100				
	53	30		00	45	200				
	54	30	4	00	00	300				
	55	45		59	10	400				
3	57	10	3	58	10	500				
						600				
						700				
						800				
						900				
						1000				
						1100				
						1200				
						1300				
						1400				
						1500				
						1600				
						1700				
						1800				
						1900				
						2000				
						2100				
						2200				
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						2400				
						2500				
						2600				
						2700				
						2800				
						2900				
						3000				
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						3200				
						3300				
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						3500				
						3600				
						3700				
						3800				
						3900				
						4000				
						4100				
						4200				
						4300				
						4400				
						4500				
						4600				
						4700				
						4800				
						4900				

Dredge } No. 111 Date, Aug 17, 1915
Hydrog. }
Sdg. Mch. Reel Shot 30 lbs.
Lead 500 fms.
Turns Cor'n Depth 500 fms.
Sdg. Cup soft ooze Amt. Bot'm Sample
Character of Bottom m. B. m. at

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 4:54 } Air { 59
Time

Density: Surf. fms.

Wind: Direction WNW Force 3

Baromet. 30.14 Amt. of Clouds 5 State of Sea

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 77 1/2° E (true) 77° 45'

Chart used: No. Plotting Sheet distant 15.7 miles Ed'n 1623

Drift: Direction No 9 Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
4			0			
			100			
45	53	53	200			
26	32	32	300			
24	27	27	400			
42	50	50	500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

①
Dredge } No. 511 Date, July 11, 1911
Hydrog. }
Sdg. Mch. Reel Shot Lead 3 lbs.
Turns Cor'n Depth 0/500 fms.
Sdg. Cup amt. Bot'm Sample
Character of Bottom at 100

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 5.40 } Air { 59
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 77° E (true) 30' distant 7.62 mile,

Chart used: No. Plotting Sheet No 9 Ed'n 167.1

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M. Down.		Up.	M.		M. Down.		Up.	M.
5	00 00	39	35	0				
	00 45	38	55	100				
	01 40	37	15	200				
	02 40	36	25	300				
	03 40	36	45	400				
	04 45	35	15	500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredge } No. 6020 Date, Aug 11, 1912
Hydrog. }

<i>Sdg. Mch.</i>	<i>Reel</i>	<i>Shot</i>	<i>Lead</i>	<i>lbs.</i>
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Turns Cor'n Depth 7360 fms.

Stg. Cup 2072 R-1.10 Amt. Bot'm Sample 1

Character of Bottom fine sand at 500

Thermom. $\left\{ \begin{array}{l} \text{Make} \\ \text{No.} \end{array} \right.$ Cor'n $\left\{ \begin{array}{l} \text{Instr.} \\ \text{Stem.} \end{array} \right.$

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time { 12.5 } Air { 60 }
Time { } { }

Density: Surf. ----- fms. -----

Wind: Direction SW Force 2

Baromet. 30.12, Amt. of Clouds 9, State of Sea 72

Weather

Direction and Force of Current. { Surface
 { Bottom

Tide

General Locality *Off Washington Coast*

Position Destruction Is. Light bears $N 77^{\circ} E$ (true) ^{15'}
distant 16.7 miles

Chart used: No. Plotting Sheet Ed'n 172.0

Drift: Direction..... Distance.....

Depth of Haul

Apparatus and Rig used.

----- Time towing ----- h. ----- m.

Remarks: .

Deck Officer *A. M. Barnes* Recorder *H. J. ...*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6 16 30		25 55	0			
17 25		25 00	100			
18 20		24 20	200			
19 15		23 35	300			
20 15		22 50	400			
21 25 6		21 50	500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

(9)

Dredge } No. 21 Date, , 191

Sdg. Mch. Reel Shot 35 lbs.

Turns Cor'n Depth 1470 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No.

Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 7:33 Air { 61

Density: Surf. fms.

Wind: Direction 10 Force 2

Baromet. 30.19 Amt. of Clouds 9 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 76 1/2° E (true) distant 17.2 miles

Chart used: No. Plotting Sheet No. 9 Ed'n 1766

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

7 550	3250	0
0130	3150	100
0550	3115	200
0645	3040	300
0740	3005	400
0840	2925	500
0945	2850	600
1045	2810	700
1155	2730	800
1310	2655	900
1430	2610	1000
1550	2525	1100
1710	2440	1200
1850	2350	1300
1955	2255	1400
2055 7	2200 14	1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400
		2500
		2600
		2700
		2800
		2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000
		4100
		4200
		4300
		4400
		4500
		4600
		4700
		4800
		4900

10

~~Dreize~~ } No. 6027 Date, *Sept 11*, 1915
Hydrog. }

Sdg. Mch. Lucas... Reel L Shot Lead } 30 lbs.

Turns ----- Cor'n ----- Depth ----- fms.

Sdg. Cup Soft Camp Amt. Bot'm Sample

Character of Bottom -- no bottom at 5.

Thermom. { Make 200
 { No. 1

Cor'n { Instr. -----
 { Stem. -----

No.

Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 55.0 Time 8:21 a } Air { 63.0
 { _____ Time _____ } { _____

Time

Density: Surf. _____ fms. _____

Wind: Direction, West Force 3

Baromet. 30.21 Amt. of Clouds 9 State of Sea 1/4

Weather 

Direction and Force of Current.	}	Surface	.....
		Bottom	.....

Bottom

Tide.....

General Locality *Off Washington Coast*

Position Destruction Is. Light bears $N 76^{\circ} 48' E$ (true)

Chart used: No. Plotting Sheet ⁰ Ed'n 1812 ¹⁸¹² 1812

Drift: Direction	Distance
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Depth of Haul

Apparatus and Rig used

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Mr. G. J. G. G. G.* Recorder *Mr. G. J. G. G. G.*

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Under Hydrog. No. 6022 Date, June 11, 1909
Sdg. Mch. Reel Shot Lead 30 lbs.
Turns Cor'n Depth 0 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom no bottom 0

Thermom. { Make No. Instr. Cor'n { Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 52° Time 9:12 am Air { 65°
Time

Density: Surf. fms.
Wind: Direction West Force 3
Baromet. 30.22 Amt. of Clouds 7 State of Sea II
Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 76° E (true) distant 7.84 miles.
Chart used: No. Plotting Sheet 1509 Ed'n 1859
Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
M. Down.		Up.		M.			M. Down.	Up.	M.
9	00	30	9	11	10	0			
	01	35		10	20	100			
	02	40		09	40	200			
	03	45		09	00	300			
	04	50		08	10	400			
	05	55		07	00	500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
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						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

(12)

Hydrog. No. 6024 Date, February 11, 1945
Sdg. Mch. Reel L Shot/Lead 30 lbs.
Turns Cor'n Depth 500 fms.

Sdg. Cup Amt. Bot'm Sample
Character of Bottom 410 bottom at 500

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 56.0 Time 10:04 Air { 67.0
Time

Density: Surf. fms.

Wind: Direction 74 Force 2-3

Baromet. 30.23 Amt. of Clouds 6 State of Sea 74

Weather 74

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position 13' Destruction Is. Light bears N 76° E (true) distant 18.7 miles

Chart used: No. Plotting Sheet No 9 Ed'n 1908

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Gies Recorder 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
9 55 35	10	02 25	0			
55 35		01 40	100			
54 35		01 10	200			
5 35		00 35	300			
54 50	10	00 00	400			
9 54 10	9 57 00		500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

(13)

Hydrog. } No. 6025 Date, August 11, 1915

Sdg. Mch. Lucas Reel Z Shot/Lead 30 lbs.

Turns _____ Cor'n _____ Depth $\frac{0}{100}$ fms.

Sdg. Cup Sdg. Cup Amt. Bot'm Sample

Character of Bottom no bottom at 100

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57° Time 10:54 am Air { 69°
Time _____

Density: Surf. _____ fms. _____

Wind: Direction West Force 2

Baromet. 30.24 Amt. of Clouds 3 State of Sea II

Weather bc

Direction and Force { Surface _____
of Current. { Bottom _____

Tide _____

General Locality Off Washington Coast

Position Destruction Is. Light bears N 76° E (true) distant 19.4 miles

Chart used: No. Plotting Sheet No. 7 Ed'n 176.0

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
10 48 35	10 52 35		0			
45 15	51 45		100			
45 15	51 45		200			
46 15	50 35		300			
47 15	50 00		400			
10 48 25	10 49 25	0	500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

(2)

Hydrog. No. *505* Date, *Aug 11*, 19*17*
 Sdg. Mch. *Lucas* Reel *2* Shot *35* lbs.
 Turns _____ Cor'n _____ Depth *1300* fms.
 Sdg. Cup *Sigsbee* Amt. Bot'm Sample _____
 Character of Bottom *✓*

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *51* Time *1* } Air { *71* }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction *SE by E* Force *2*

Baromet. *30.24* Amt. of Clouds *4* State of Sea *M*

Weather _____

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *off Washington Coast*

Position *Destruction Is. Light bears N 75° E (true) distant 20 miles*

Chart used: No. *Plotting Sheet No 9* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *W. C. Keith* Recorder *Paul*

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
M. Down.		Up.	M.		M. Down.		Up.	M.	
11	20	00	11	44	50	0			
	21	00		43	25	100			
	21	53		42	45	200			
	22	00		42	15	300			
	22	52		41	45	400			
	23	00		41	15	500			
	23	50		40	45	600			
	24	00		40	15	700			
	24	35		39	45	800			
	24	40		39	05	900			
	25	00		38	40	1000			
	25	15		38	00	1100			
	25	45		37	20	1200			
11	25	10	11	36	50	1300			
						1400			
						1500			
						1600			
						1700			
						1800			
						1900			
						2000			
						2100			
						2200			
						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

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SOUNDING WIRE.				FMS.	DREDGING CABLE.		
<i>P</i> M. DOWN.	Up.	<i>P</i> M.			M. DOWN.	Up.	M.
12 31 00	12 42 00			0			
12 32 00	12 42 55			100			
12 33 00				200			
12 34 00				300			
12 35 00				400			
12 36 00				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

Dredge } No. 665 Date, , 19
Hydrog. }

Sdg. Mch. Reel Shot
Lead lbs.

Turns Cor'n Depth 500 fms.

Sdg. Cup Drawing (if any) Amt. Bot'm Sample

Character of Bottom at 500

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air {
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 78° E (true) 4 1/2
distant 20 2/3 miles

Chart used: No. Plotting Sheet No 9 Ed'n 211.2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

1	20	40	1	31	20
	21	25			

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 6029 Date, July 11, 1909
Hydrog. }
Sdg. Mch. Lucas Reel Lucas Shot 50 lbs.
Lead }
Turns _____ Cor'n _____ Depth _____ fms.
Sdg. Cup _____ Amt. Bot'm Sample 1/50
Character of Bottom V. M. S. at 500

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 58 Time 2:23 } Air { 61 }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction S.W. Force 2

Baromet. 30.26 Amt. of Clouds 7 State of Sea M

Weather B.C.

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Washington Coast

Position Destruction Is. Light bears N 76° E (true) 39' distant 2.44 miles

Chart used: No. Plotting Sheet No 9 Ed'n 2159

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer J. H. Miller Recorder J. H. Miller

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
P. M. Down.			Up. P. M.				M. Down.	Up.	M.
2	11	10	2	21	30	0			
"	12	15	"	2		100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
						1600			
						1700			
						1800			
						1900			
						2000			
						2100			
						2200			
						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

Dredge } No. 6112 Date, _____, 19____
 Hydrog. }
 Sdg. Mch. Lucas Reel Lucas Shot 80 lbs.
 Lead }
 Turns _____ Cor'n _____ Depth 400 fms.
 Sdg. Cup _____ Amt. Bot'm Sample _____
 Character of Bottom at 500

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 59° Time 3:12 } Air { 16°
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction SW Force 2

Baromet. 30.06 Amt. of Clouds 5 State of Sea 1

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Washington Coast

Position Destruction Is. Light bears N 75° E (true) 37'
218 2/3 miles

Chart used: No. Plotting Sheet No 9 Ed'n _____ Distance 220.3

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Dredge } No. _____ Date, Aug 11, 1911
Hydrog. }

Sdg. Mch. Lucas Reel Lucas Shot 35 lbs.

Turns _____ Cor'n _____ Depth 1460 fms.

Sdg. Cup Lucas Amt. Bot'm Sample _____

Character of Bottom (fine blk s - m)

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57.0 Time 4:25 P } Air { 66.0
Time _____

Density: Surf. _____ fms. _____

Wind: Direction S. Dr. Force 2

Baromet. 30.2 Amt. of Clouds 5 State of Sea 2

Weather bc

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Washington Coast

Position Destruction Is. Light bears N 75° ^{30'} E (true)

Chart used: No. Plotting Sheet No 9 distant 22 3/4 miles

Drift: Direction _____ Distance 2.24.9

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Deck Officer W. H. Smith Recorder W. H. Smith

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
P.	M. Down.		Up.	M.		M. Down.	Up.	M.
3	49	50	4	23	10			
3	50	45		22	15			
3	51	40		21	36			
3	52	48		20	50			

Dredge } No. _____ Date, _____, 19____
Hydrog. }
Sdg. Mch. Lucas Reel Lucas Shot } 30 lbs.
Lead }
Turns _____ Cor'n _____ Depth _____ fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom no bottom at 500

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57° Time 5:15 P } Air { 66°
Time _____

Density: Surf. _____ fms. _____

Wind: Direction S. W Force 2

Baromet. 30.26 Amt. of Clouds 5 State of Sea M.

Weather bc

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Washington Coast

Position Destruction Is. Light bears N 75° E (true) 33' distant 2.28 miles

Chart used: No Plotting Sheet Ed'n 1709 229.3

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Deck Officer _____ Recorder _____

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.			M. Down.	Up.	M.
✓ 02 53	✓ 12 30			0			
03 45	11 45			100			
04 50	11 15			200			
06 10	10 40			300			
07 30	10 05			400			
✓ 08 50	✓ 09 15			500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

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SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1	04		0			
2			100			
3			200			
4			300			
5			400			
6			500			
7			600			
8			700			
9			800			
10			900			
11			1000			
12			1100			
13			1200			
14			1300			
15			1400			
16			1500			
17			1600			
18			1700			
19			1800			
20			1900			
21			2000			
22			2100			
23			2200			
24			2300			
25			2400			
26			2500			
27			2600			
28			2700			
29			2800			
30			2900			
31			3000			
32			3100			
33			3200			
34			3300			
35			3400			
36			3500			
37			3600			
38			3700			
39			3800			
40			3900			
41			4000			
42			4100			
43			4200			
44			4300			
45			4400			
46			4500			
47			4600			
48			4700			
49			4800			
50			4900			

Dredge } No. _____ Date, _____, 19____
Hydrog. }

Sdg. Mch. Lucas Reel U.S. Shot/Lead 1 lbs.

Turns ----- Cor'n ----- Depth 2/500 fms.

Sdg. Cup 271 000 Amt. Bot'm Sample 1

Character of Bottom h. E. T. 100 ft at 500

Thermom.	{	Make	.....	Cor'n	{	Instr.	.....
		No.	.....			Stem.	.....

Bottom Reading Cor'd Temp.

Temp. Surf.	Time	Air
	Time	

Density: Surf. fms.

Wind: Direction *Force*

Baromet.	5	Amt. of Clouds	1	State of Sea	
----------	---	----------------	---	--------------	--

Weather

Direction and Force of Current.	{	Surface	.....
		Bottom	.....

[illegible]

General Locality *Off Washington Coast*

Position Destruction Is. Light bears $N 75^{\circ} E$ (true) 29^1 miles.

Chart used: No. *Plotting Sheet* *Ed'n* *237 1/3 miles*
1899 *238.8*

Drift: Direction _____ Distance _____

Depth of Haul

Apparatus and Rig used

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer: Recorder: W. S. Keen 11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. _____ Date, _____, 19____
Hydrog. }

Sdg. Mch. _____ Reel _____ Shot/Lead _____ lbs.

Turns _____ Cor'n _____ Depth 9500 fms.

Sdg. Cup 2 1/2 Amt. Bot'm Sample _____

Character of Bottom No bottom at 9500

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction 30-40 Force 2

Baromet. 30.5 Amt. of Clouds _____ State of Sea _____

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Washington Coast

Position Destruction Is. Light bears N 75° E (true) 27' distant 24.2 miles

Chart used: No. Plotting Sheet No. 109 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7 31 00	41 40		0			
32 00	40 35		100			
33 10			200			
			300			
			400			
37 30	7 36		500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

(24)
Dredge } No. 6036 Date, August 11, 1915
Hydrog. }
Sdg. Mch. Lucas Reel L. V. Shot 35 lbs.
Turns Cor'n Depth 1518 fms.
Sdg. Cup Sigsbee Amt. Bot'm Sample
Character of Bottom gy. s.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 8:07 } Air { 57°
Time

Density: Surf. fms.

Wind: Direction W-S-W Force 2

Baromet. 30.28 Amt. of Clouds 7 State of Sea I

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 75° E (true) 246 2/3 miles distant

Chart used: No. Plotting Sheet No 9 Ed'n 21000

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder (77257) - 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
8 23 25	8 53 25		0			
24 30	52 30		100			
25 35	51 25		200			
26 40	50 35		300			
27 45	50 00		400			
28 50	49 30		500			
29 55	49 00		600			
30 00	48 25		700			
31 05	47 50		800			
32 10	47 10		900			
33 15	46 35		1000			
34 20	46 00		1100			
35 25	45 15		1200			
36 30	44 30		1300			
37 35	43 45		1400			
38 40	43 00		1500			
39 45	42 15		1600			
40 50	41 30		1700			
41 55	40 45		1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Deck Officer Wm. S. [unclear] Recorder Arthur [unclear]
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
9 37 30	9 48 40		0			
38 30	42 00		100			
39 50	41 30		200			
36 05	40 50		300			
37 25	40 15		400			
0 39 50	4 39 30		500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

(26)

dredge } No. 622 Date, August 19 1905
Hydrog. }
Sdg. Mch. Reel Shot Lead 30 lbs.
Turns Cor'n Depth 0 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom no bottom at 30

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { Time 12:00 } Air { 70
 { Time } {

Density: Surf. fms.

Wind: Direction 7 SE Force

Baromet. 30.21 Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 75° E (true) distant 2.6 miles

Chart used: No. Plotting Sheet No 9 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer J. H. Smith Recorder J. H. Smith
11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.			M. Down.	Up.	M.
10	22	25	10	0			
20	10	31	20	100			
25	05	31	25	200			
26	15	30	25	300			
27	25	30	20	400			
10	28	25	10	500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

(27)

Hydrog. No. 6010 Date, June 11, 1915

Sdg. Mch. Reel Shot/Lead 30 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom no bottom at

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 11:25 } Air { 50° Time

Density: Surf. fms.

Wind: Direction 7/8 N Force 2

Baromet. 30.31 Amt. of Clouds 2 State of Sea L

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 78° E (true) distant 26 2/3 miles

Chart used: No. Plotting Sheet No 9 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
11 17 50	11 21 55		0			
12 25	21 05		100			
14 35	20 20		200			
15 45	20 00		300			
16 55	19 20		400			
11 18 00	11 14 35		500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Lead } No. 5040 Date, 10, 19
Hydrog. }
Sdg. Mch. Reel Shot Lead 30 lbs.
Turns Cor'n Depth 95 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom at

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 12:13 } Air { 56°
Time

Density: Surf. fms.

Wind: Direction W. S. W Force

Baromet. 30.30 Amt. of Clouds 2 State of Sea 2

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality off Washington Coast

Position Destruction Is. Light bears N 75° E (true) distant 20 5/13 miles

Chart used: No. Plotting Sheet No. 9 Ed'n 211.8

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. _____ Date, Sept 11, 1912
Hydrog. }

Sdg. Mch. Sigsbee Reel _____ Shot
head _____ lbs.

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm
Sample _____

Character of Bottom fine sand; foraminifera

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { Time 1:15 }
Time _____ } Air {

Density: Surf. _____ fms. _____

Wind: Direction SW Force _____

Baromet. 30.29 Amt. of Clouds 2 State of Sea _____

Weather _____

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality off Washington Coast

Position Destruction Is. Light bears N 75° E (true) 15-1
distant 2.70 miles

Chart used: No. Plotting Sheet No. 9 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer W. H. ... Recorder ...

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 6042 Date, August 12, 19

Sdg. Mch. Reel Shot Lead lbs.

Turns Cor'n Depth 522 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction I. Light bears N 78° E (true)

Chart used: No. Plotting Sheet distant 27 2/3 miles Ed'n 213.8

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
A. M. Down.		Up.	A. M.				M. Down.	Up.	M.
1	23	50	1	35	20	0			
1	26	43	1	35	12	100			
1	27	35	1	35	4	200			
1	28	27	1	35	0	300			
1	29	19	1	35	0	400			
1	31	11	1	35	0	500			
1	31	03	1	35	0	600			
1	31	40	1	35	0	700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
						1600			
						1700			
						1800			
						1900			
						2000			
						2100			
						2200			
						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

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SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1	53	40	2	12	13	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

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[illegible]

Dredge } No. 6045 Date, , 19

Hydrog. } Sdg. Mch. Lucas Reel Shot/Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction 44 x 08 Force

Baromet. 30.00 Amt. of Clouds 9 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 75° 30' 76° E (true) distant 2.68 miles

Chart used: No. Plotting Sheet No 9 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

Dredge } No. 5046 Date, August 12, 1913
Hydrog. }

Sdg. Mch. Lucas Reel Shot Lead 20 lbs.

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup Channing (with scoop) Int. Bot'm Sample

Character of Bottom No bottom at 700

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 55.0 Time 4:40 } Air { 62.0
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction NW x S Force 1

Baromet. 30.30 Amt. of Clouds 9 State of Sea _____

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Washington Coast

Position Destruction Is. Light bears N 76° E (true) 25.30' distant 2.70 mile.

Chart used: No. Plotting Sheet no 9 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing h. m.

Remarks:

Deck Officer _____ Recorder _____

[illegible]

Dredge } No. 117 Date, June 17, 1910

Sdg. Mch. Reel Shot & Lead 20 lbs.

Turns Cor'n Depth fms.

Sdg. Cup (Loring) Amt. Bot'm Sample

Character of Bottom at 500

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 55.0 Time 3:48.2 } Air { 63.0 Time

Density: Surf. fms.

Wind: Direction W. x S. Force 1

Baromet. 30.31 Amt. of Clouds 7 State of Sea L

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 76° E (true) distant 27 9/13 miles

Chart used: No. Plotting Sheet No. 9 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer: Recorder

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
M.	Down.	Up.	M.	M.		Down.	Up.	M.
5	36	30	5	46	30			
	37	20		45	20			
	38	15		44	40			
	39	15		43	55			
	40	30		43	05			
5	41	40	5	42	00	0		
						100		
						200		
						300		
						400		
						500		
						600		
						700		
						800		
						900		
						1000		
						1100		
						1200		
						1300		
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						1500		
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						2400		
						2500		
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						2700		
						2800		
						2900		
						3000		
						3100		
						3200		
						3300		
						3400		
						3500		
						3600		
						3700		
						3800		
						3900		
						4000		
						4100		
						4200		
						4300		
						4400		
						4500		
						4600		
						4700		
						4800		
						4900		

Dredge } No. 1 Date, July 1, 1911

Sdg. Mch. Lucas Reel Lucas Shot/Lead 30 lbs.

Turns Cor'n Depth fms.

Sdg. Cup Dredge Amt. Bot'm Sample

Character of Bottom at 300

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 55° Time 6:40 a } Air { 64° Time

Density: Surf. fms.

Wind: Direction NW x S Force 1

Baromet. 30.32 Amt. of Clouds 2 State of Sea

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Washington off Oregon Coast

Position Destruction Is. Light bears N 76° E (true) 7.5 miles distant 2.84 miles

Chart used: No Plotting Sheet No 9 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	L. M.		M. Down.	Up.	M.
10 17 50	13 37 30		0			
29 50	12 13		100			
42 30	10 50		200			
51 20	9 40		300			
52 10	8 30		400			
53 2 30	7 20		500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

(10)
 Dredge } No. *6117* Date, *Oct 12*, 19*15*
 Hydrog. }
 Sdg. Mch. Reel Shot Lead *30 lbs.*
 Turns Cor'n Depth fms.
 Sdg. Cup *Shrimps* Amt. Bot'm Sample
 Character of Bottom *fine sand at 500*
 Thermom. { Make Cor'n { Instr.
 { No. { Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { *55.0* Time *10:12* Air { *61*
 { Time {
 Density: Surf. fms.
 Wind: Direction *SW* Force *2*
 Baromet. *30.33* Amt. of Clouds *2* State of Sea *L*
 Weather *bc*
 Direction and Force of Current { Surface
 { Bottom
 Tide

General Locality *Off Washington Coast*
 Position *Destruction Is. Light bears N 76° E (true) 75° 07'*
distant 28 2/3 miles
 Chart used: No. *Plotting Sheet No 9* Ed'n
 Drift: Direction Distance *240*
 Depth of Haul
 Apparatus and Rig used

Time towing h. m.
 Remarks:

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7 11 10	7 11 10	0	0			
7 11 10	7 11 10	100	100			
7 11 10	7 11 10	200	200			
7 11 10	7 11 10	300	300			
7 11 10	7 11 10	400	400			
7 22 15	7 22 40	500	500			
		600	600			
		700	700			
		800	800			
		900	900			
		1000	1000			
		1100	1100			
		1200	1200			
		1300	1300			
		1400	1400			
		1500	1500			
		1600	1600			
		1700	1700			
		1800	1800			
		1900	1900			
		2000	2000			
		2100	2100			
		2200	2200			
		2300	2300			
		2400	2400			
		2500	2500			
		2600	2600			
		2700	2700			
		2800	2800			
		2900	2900			
		3000	3000			
		3100	3100			
		3200	3200			
		3300	3300			
		3400	3400			
		3500	3500			
		3600	3600			
		3700	3700			
		3800	3800			
		3900	3900			
		4000	4000			
		4100	4100			
		4200	4200			
		4300	4300			
		4400	4400			
		4500	4500			
		4600	4600			
		4700	4700			
		4800	4800			
		4900	4900			

Dredge } No. 6250 Date, , 19
Hydrog. }
Sdg. Mch. Lucas Reel Shot 30 lbs.
Lead
Turns Cor'n Depth 750 fms.
Sdg. Cup Dupre Amt. Bot'm Sample
Character of Bottom M. S. at 500

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 52 Time 8.12 } Air { 65°
Time

Density: Surf. fms.

Wind: Direction N.W. Force 1

Baromet. 30.22 Amt. of Clouds 1 State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality off Washington Coast

Position Destruction Is. Light bears N 76° E (true) distant 2.93 miles

Chart used: No. Plotting Sheet No. 9 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
0435	1225		0			
0715	1400		100			
0825	1550		200			
0950	1705		300			
1040	1806		400			
1155	1920		500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 671 Date, , 19
Hydrog. }
Sdg. Mch. Reel Shot/Lead lbs.
Turns Cor'n Depth 1600 fms.
Sdg. Cup Agassiz Amt. Bot'm Sample
Character of Bottom Brown mud

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 56 Time Air { 71
Time

Density: Surf. fms.

Wind: Direction SW Force 1

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 76° E (true) distant 2.98 miles

Chart used: No Plotting Sheet Ed'n No 9 299.2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer M. Shapley Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
0			0			
1			100			
2			200			
3			300			
4			400			
5			500			
6			600			
7			700			
8			800			
9			900			
10			1000			
11			1100			
12			1200			
13			1300			
14			1400			
15			1500			
16			1600			
17			1700			
18			1800			
19			1900			
20			2000			
21			2100			
22			2200			
23			2300			
24			2400			
25			2500			
26			2600			
27			2700			
28			2800			
29			2900			
30			3000			
31			3100			
32			3200			
33			3300			
34			3400			
35			3500			
36			3600			
37			3700			
38			3800			
39			3900			
40			4000			
41			4100			
42			4200			
43			4300			
44			4400			
45			4500			
46			4600			
47			4700			
48			4800			
49			4900			

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SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

		0
		100
07|50|	|1|	200
		300
10|20|	|1|	400
11|12|10		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400
		2500
		2600
		2700
		2800
		2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000
		4100
		4200
		4300
		4400
		4500
		4600
		4700
		4800
		4900

Dredge } No. 6054 Date, 6 , 19
 Hydrog. }
 Sdg. Mch. Lucas Reel ~~Shot~~ Lead lbs.
 Turns Cor'n Depth fms.
 Sdg. Cup Soft soap Amt. Bot'm Sample 1
 Character of Bottom Soft

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 11:00 } Air { 72
 { Time }

Density: Surf. fms.

Wind: Direction SW Force 1

Baromet. 30.2 Amt. of Clouds 2 State of Sea 2

Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality off Washington Coast

Position Destruction Is. Light bears N 76° E (true) distant 31.2 miles.

Chart used: No. Plotting Sheet No 9 Ed'n 312.3

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shuplin Recorder B

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0			
			100			
1 5	153	5	200			
2 5	2	5	300			
3 5	2	5	400			
4 5	1	5	500			
5 5	0		600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

16

65

Trawl } No. 425 Date, August 2, 1915
Hydrog. }
Sdg. Mch. Lucas Reel 25 Shot 30 lbs.
Leads
Turns Cor'n Depth 50 fms.
Sdg. Cup Soft Soap Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57° Time 12:54 } Air { 72°
Time

Density: Surf. fms.

Wind: Direction SW Force 3

Baromet. 30.03 Amt. of Clouds 3 State of Sea

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington Coast

Position Tatoosh Is. Light bears N 68° E (true) distant 3.15 miles

Chart used: No. Plotting Sheet No 9 Ed'n 317

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassin Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
17 40 55	18 50 55		0			
41 30	42 30		100			
42 30	43 50		200			
43 30	45 05		300			
44 35	47 20		400			
17 45 50	18 52 20		500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

(17)

66

Hydrog. } No. 6056 Date, August 17, 1915
 Sdg. Mch. Lucas Reel L Shot 30 lbs.
 Turns _____ Cor'n _____ Depth 520 fms.
 Sdg. Cup Soft Soap Amt. Bot'm Sample _____
 Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57 Time 1:42.3 Air { 73
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction 57 Force 2-3

Baromet. 30.31 Amt. of Clouds 3 State of Sea 2

Weather B

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Washington Coast

Position Tatooch Is. Light bears N 68 1/2° E (true) 31.5 miles distant

Chart used: No. Plotting Sheet No 9 Ed'n 3172

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Cassidy Recorder J. J. J.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1 30 40	1 40 10		0			
31 30	39 15		100			
32 40	38 35		200			
33 15	37 55		300			
34 5	36 15		400			
1 35 35	1 35 10		500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

SOUNDING WIRE.

<i>P</i> M. DOWN.	UP.	<i>P</i> M.
2 21 30	2 29 40	
22 05	29 05	
22 40	28 25	
23 30	27 45	
24 35	27 00	
2 25 45	2 26 00	

FMS.

DREDGING CABLE.

M. DOWN. UP. M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

19

Hydrog. No. 607 Date, August 10, 1915
Sdg. Mch. Lucas Reel Z Shot 25 lbs.
Turns Cor'n Depth 1774 fms.
Sdg. Cup Cigarette Amt. Bot'm Sample
Character of Bottom (br M) CLK 77

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57.0 Time 3:52 } Air { 71.0
Time

Density: Surf. fms.

Wind: Direction SW Force 2

Baromet. 30.31 Amt. of Clouds 4 State of Sea I

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington Coast

Position Tatoosh Is. Light bears N 70 1/2° E (true) dist out 31.5 miles

Chart used: No. Plotting Sheet Ed'n no 9 3173

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. Cassidy Recorder 11-1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
M. Down.	Up.	M.				M. Down.	Up.	M.
3 10 10	3 40 40				0			
10 45	38 45				100			
11 35	34 05				200			
12 25	37 20				300			
13 20	36 35				400			
14 10	35 15				500			
15 35	34 15				600			
16 10	33 20				700			
17 55	32 30				800			
18 05	31 35				900			
19 25	31 45				1000			
20 35	30 50				1100			
22 55	29 55				1200			
24 15	28 55				1300			
25 50	27 55				1400			
27 45	26 40				1500			
29 30	25 20				1600			
30 30	23 45				1700			
3 31 40	3 32 30				1800			
					1900			
					2000			
					2100			
					2200			
					2300			
					2400			
					2500			
					2600			
					2700			
					2800			
					2900			
					3000			
					3100			
					3200			
					3300			
					3400			
					3500			
					3600			
					3700			
					3800			
					3900			
					4000			
					4100			
					4200			
					4300			
					4400			
					4500			
					4600			
					4700			
					4800			
					4900			

Dredge } No. *6557* Date, *July 1*, 19*11*
 Hydrog. }
 Sdg. Mch. _____ Reel _____ Shot *30* lbs.
 Lead *0*
 Turns _____ Cor'n _____ Depth *0* fms.
 Sdg. Cup *1000* Amt. Bot'm Sample _____
 Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { Time *4:45* } Air { *68* }
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction *S.W.* Force *2*

Baromet. _____ Amt. of Clouds *4* State of Sea *6*

Weather _____

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *off Washington Coast*

Position *Tatoosh Is. Light bears N 70 1/2° E (true)*
70° 31' 27"

Chart used: No. *Plotting Sheet No 9* distant *30.9 1/3 miles*
311.6

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.		M. Down.	Up.	M.
1	2	3	0			
4	5	6	100			
7	8	9	200			
10	11	12	300			
13	14	15	400			
16	17	18	500			
19	20	21	600			
22	23	24	700			
25	26	27	800			
28	29	30	900			
31	32	33	1000			
34	35	36	1100			
37	38	39	1200			
40	41	42	1300			
43	44	45	1400			
46	47	48	1500			
49	50	51	1600			
52	53	54	1700			
55	56	57	1800			
58	59	60	1900			
61	62	63	2000			
64	65	66	2100			
67	68	69	2200			
70	71	72	2300			
73	74	75	2400			
76	77	78	2500			
79	80	81	2600			
82	83	84	2700			
85	86	87	2800			
88	89	90	2900			
91	92	93	3000			
94	95	96	3100			
97	98	99	3200			
100	101	102	3300			
103	104	105	3400			
106	107	108	3500			
109	110	111	3600			
112	113	114	3700			
115	116	117	3800			
118	119	120	3900			
121	122	123	4000			
124	125	126	4100			
127	128	129	4200			
130	131	132	4300			
133	134	135	4400			
136	137	138	4500			
139	140	141	4600			
142	143	144	4700			
145	146	147	4800			
148	149	150	4900			

Dredge } No. 6060 Date, August 12, 1911
Hydrog. }
Sdg. Mch. Reel Shot/Lead lbs.
Turns Cor'n Depth 550 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom 0 1

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 56° Time 5:35 } Air { 68°
 { { {
 { { {
 { { {

Density: Surf. fms.
Wind: Direction E x S Force 1
Baromet. Amt. of Clouds State of Sea
Weather

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality off Washington Coast

Position 70° 32' 53" N 170° 42' E (true)
Tatoosh Is. Light distant 30 4 2/3 miles

Chart used: No. Plotting Sheet No 9 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 6061 Date, August 12, 1915
Hydrog. }

Sdg. Mch. Lucas Reel Lucas Shot } 30 lbs.
Lead }

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom No bottom at 500

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 56.0 Time 6.22 } Air { 69.0
Time

Density: Surf. fms.

Wind: Direction E. x S. Force 1

Baromet. 30.31 Amt. of Clouds 1 State of Sea L

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington Coast

Position Tatoosh Is. Light bears N 70° 34' 20" E (true) distant 29.97/13 miles

Chart used: No. Plotting Sheet No 9 Ed'n distant 29.97/13 miles

Drift: Direction Distance 300.6

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder C. E. DeLong

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. DOWN.			UP.	P. M.			M. DOWN.		UP.	M.		
6	11	55	6	20	25	0						
	12	40		19	40	100						
	13	20		19	00	200						
	14	15		18	20	300						
	15	10		17	40	400						
6	16	15	6	16	40	500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(23)

Dredge } No. 6062 Date, August 12, 1915
Hydrog. }

Sdg. Mch. Lucas Reel Lucas Shot Lead 30 lbs.

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample _____

Character of Bottom No bottom at 500

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 55° Time 7:12 P } Air { 66°
Time _____

Density: Surf. _____ fms. _____

Wind: Direction S.E. Force 1

Baromet. 30.30 Amt. of Clouds 1 State of Sea S.

Weather bc.

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Washington Coast

Position Tatoosh Is. Light bears N 70° 35' 46" E (true) distant 29 4 1/3 miles

Chart used: No. Plotting Sheet No 9 Ed'n 295.2

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

checked
P. P. S.

Deck Officer L. S. Chapley Recorder C. E. Long

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P. M. Down.	Up.	P. M.			M. Down.	Up.	M.	
7 00 20	7 09 50			0				
00 55	09 00			100				
01 55	08 25			200				
03 00	07 45			300				
04 10	07 00			400				
7 05 30	7 06 55			500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				